

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 59819 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: Feb 21 2006

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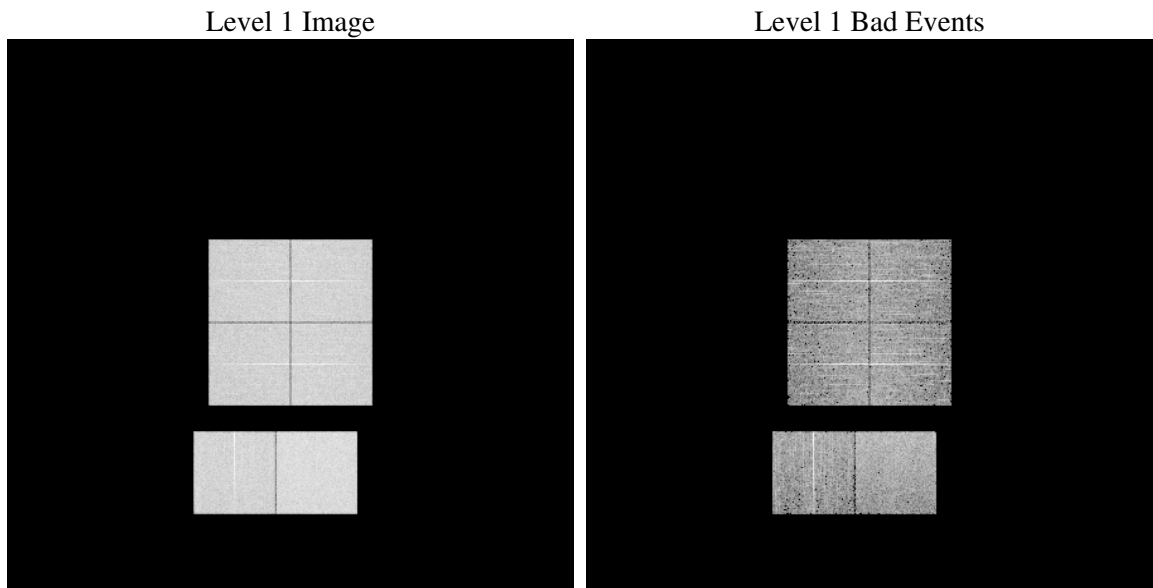
1 Front

seq_num	
obs_id	59819
title	ACIS-012367 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	156.98780360756
dec_nom	16.524838037991
roll_nom	85.588926521786
revision	2
ontime	5246.8305766284
livetime	5180.3920486051
ontime0	4397.7343192101
ontime1	4517.6917198896
ontime2	4245.490324825
ontime3	4387.9291189909
ontime6	4491.8456885815
ontime7	5246.8305766284
l2events	719854

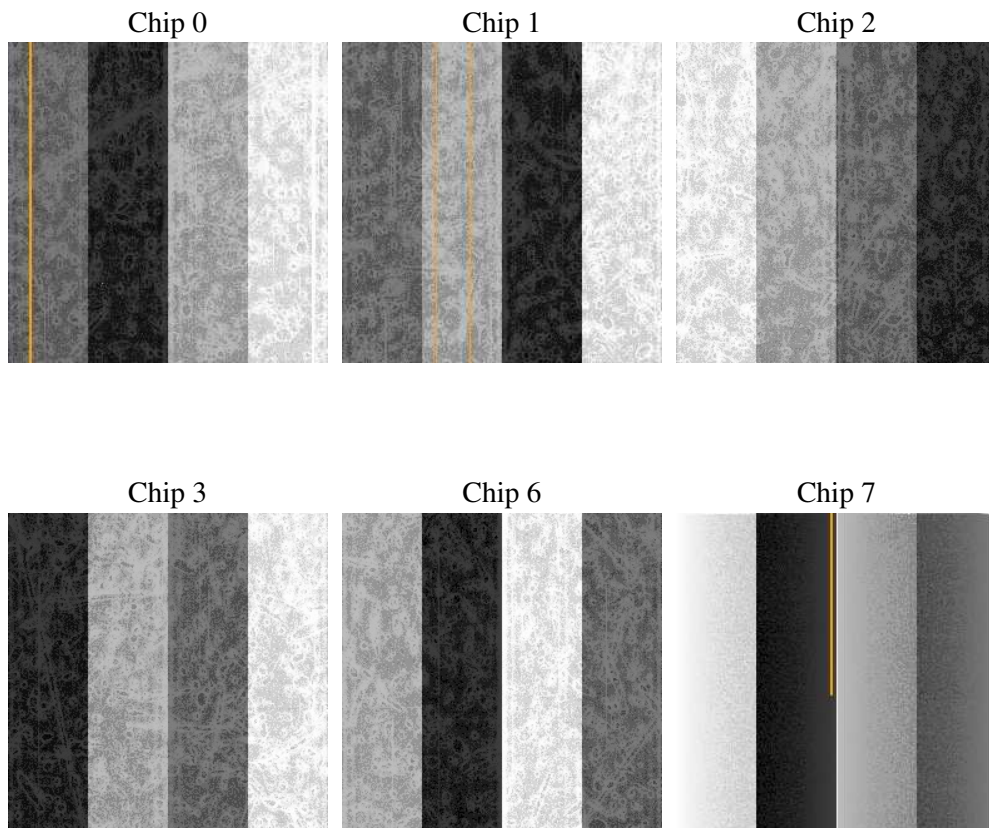
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-21T21:27:50
revision	2

sched_exp_time	0.0
ontime	5247.1959171295
ontime0	4398.0586197078
ontime1	4517.9749803841
ontime2	4245.7325453162
ontime3	4388.3354994953
ontime6	4492.0468690991
ontime7	5247.1959171295
l1events	957936

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	150807	154460	146782	154780	161411	189696
rejected events	30824	31714	31044	33914	34366	40109
rejected %	20%	20%	21%	21%	21%	21%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	65723	66206	64749	67788	67686	23713
	43%	42%	44%	43%	41%	12%
grade 1 events	390	329	401	423	382	66
	0%	0%	0%	0%	0%	0%
grade 2 events	20984	22320	19301	20378	22275	47100
	13%	14%	13%	13%	13%	24%
grade 3 events	7596	7699	7505	7864	7768	9828
	5%	4%	5%	5%	4%	5%
grade 4 events	7717	7654	7427	7816	7804	9723
	5%	4%	5%	5%	4%	5%
grade 5 events	1914	2094	1829	2033	2153	4417
	1%	1%	1%	1%	1%	2%
grade 6 events	17963	18867	16756	17020	21512	59223
	11%	12%	11%	10%	13%	31%
grade 7 events	28520	29291	28814	31458	31831	35626
	18%	18%	19%	20%	19%	18%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
Pointing RA	0	156.9878036075645	Alternating exposures requested	N	N
Pointing Dec	0	16.52483803799108	Primary exposure time	3.2	3.2
Pointing Roll	0.0	85.58892652178596			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.7524282956875696			
SIM translation stage pos (mm)	-233.592463	250.4635187648994			
SIM translation stage offset (mm)	0	-0.007540371344731511			
Observation start time	223655694.910244	223655693.88522			
Observation start date	2005-02-01T14:34:55	2005-02-01T14:34:53			
Observation end time	223672291.710996	223672290.68598			
Observation end date	2005-02-01T19:11:32	2005-02-01T19:11:30			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.02.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.24683057

A.2 Comments